

ABSTRACT:

A gas generating system for a fuel cell system as well as to a method of operating same. In order to provide hydrogen-containing combustible gas as rapidly as possible and to reduce the exhaust gas emissions, for the start of the operation of the gas generating system, at least one catalytic burner is started and the generated heat is used for evaporating a combustion agent and/or water and for the heating-up of an additionally connected partial reforming unit or partial oxidation stage in order to generate a hydrogen-containing gas for the fuel cell unit by reforming or partial oxidation.